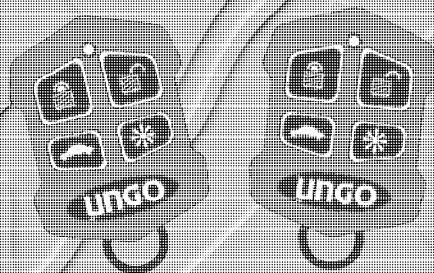




MS2100

VEHICLE SECURITY SYSTEM



Owner's Manual

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1. FEATURES

Standard Features

- Two Remote Transmitters
- Status Indicator (LED)
- Multi-Tone 120dB Siren
- Remote Panic
- Dual Stage Shock Sensor
- Remote Shock Sensor Bypass
- Passive or Active Arming Mode
- Starter Disable

Optional Features

- Flashing Parking Lights
- Keyless Entry
- Remote Trunk/Hatch Release
- Dome Light Supervision
- Hood and Trunk Protection
- Remote Auto Start
- Power Window Roll Up
- Driver's Door Priority Locks

Note: Some features may require additional parts and labor, and may not be appropriate for certain vehicles. Consult your authorized Ungo dealer for assistance.

2. SYSTEM OPERATION

2.1 Arming Operation

To arm the alarm system, press Lock button on the transmitter:

- The siren will chirp once.
- The parking lights will flash once.*
- The doors will lock.*
- The LED will come on solid for 5 seconds, and then begin to flash. After 10 seconds the alarm system is armed.

** Optional feature*

2.2 Passive Arming (Programmable feature)

The passive arming feature allows the alarm system to arm automatically without pressing the Lock button on the transmitter. The remote transmitter still can be used to arm the system in Passive Arming mode. This is a programmable feature that can be selected at the time of installation.

To arm the alarm system passively:

1. Turn the ignition Off.
2. Exit the vehicle and close all the doors.
 - The LED will begin to flash rapidly to indicate the alarm system is preparing to arm.
 - The siren will chirp 30 seconds after the last door is closed to indicate the system is armed.
 - The doors will lock.*

** Optional feature*

2.3 Disarming Operation

To disarm the system press the Unlock button on the transmitter:

- The siren will chirp twice.**
- The parking lights will flash twice.*
- The doors will unlock.*
- The dome light will turn on for 30 seconds.*

** Optional feature*

*** If the alarm was triggered while away, the system will respond with 3 chirps and 3 parking light flashes.*

2.4 Driver's Door Priority Unlock (Programmable feature, may require additional parts and labor.)

To disarm the system press the Unlock button on the transmitter:

- The siren will chirp twice.**
- The parking lights will flash twice.*
- The driver's door will unlock.*
- The dome light will turn on for 30 seconds.*

To Unlock the remaining doors, press the Unlock button again.

- The parking lights will flash twice.*
- The remaining doors will unlock.*
- The dome light will turn on for 30 seconds.*

* *Optional feature*

** *If the alarm was triggered while away, the system will respond with 3 chirps and 3 parking light flashes.*

2.5 Auto Rearm Feature (Programmable feature)

The Auto Rearm feature allows the system to automatically rearm itself in the event the system is disarmed and a door is not opened within 30 seconds.

2.6 Chirp Delete (Programmable feature)

The siren chirps can be defeated for silent arming and disarming. The parking lights and door locks will function normally.*

* *Optional feature*

2.7 Ignition Controlled Door Locks (Programmable feature)

The ignition door-locking feature allows the doors to automatically lock when the ignition is turned On, and automatically Unlock when the ignition is turned Off.

This feature may be disabled during installation.

2.8 Remote Panic

In the event of an emergency (PANIC) situation, the system's siren can be triggered for 45 seconds to attract attention. To activate the Panic feature, press and hold the Lock button for 3 seconds.

- The siren will sound.
- The parking lights will flash.*
- The doors will unlock.*
- The starter disable will turn Off.*

* *Optional feature*

2.9 Emergency Override

If the remote transmitter becomes lost or fails to operate, use the emergency override feature to disarm the alarm system.

To override the alarm system:

1. Enter the vehicle.
 - Because the alarm system is armed, the siren will sound.
2. Turn the ignition On.
3. Press the Valet/Override button for 5 seconds.
 - The siren will stop sounding.
 - Starter disable will turn Off.
4. Turn the ignition Off.
5. Consult your authorized Ungo dealer to check the alarm system.

2.10 Valet Mode

When placed into Valet Mode the security system will be disabled. However, the optional keyless entry and auxiliary outputs will still function if installed.

To enter the Valet Mode:

1. Be sure the alarm system is disarmed.
2. Press and hold the Valet/Override button.
3. Turn the ignition On.
4. Continue holding the Valet/Override button for 3 seconds.
5. Turn the ignition Off.
 - The siren will chirp once.
 - The LED will turn On solid indicating the system is in Valet mode.

To exit Valet Mode:

1. Press and hold the Valet/Override button down.
2. Turn the ignition On.
3. Hold the Valet/Override button for 3 seconds.
4. Turn the ignition Off.
 - The siren will chirp twice.
 - The LED will turn off indicating the system is out of Valet mode.

2.11 Optional Trunk Release

Press the Trunk button for approximately 3 seconds to open the trunk.*

** May require additional parts and labor.*

2.12 Optional Trunk Disarm Feature (Programmable feature)

The trunk disarm feature allows the alarm to disarm automatically when the Trunk button is used to activate the optional trunk release. This eliminates having to disarm the alarm system prior to activating the trunk release.

2.13 Remote Sensor Bypass

To arm the system and bypass the shock sensor, hood/trunk inputs, press the Lock button to Arm, then within 2 seconds press the Lock button again. The siren will chirp 5 times to indicate Sensor Bypass mode. The doors will still be monitored.

2.14 Programming Remote Transmitters

Prior to programming new remote transmitters to the security system, make sure to have the desired transmitters ready.

2.15 To Enter Remote Transmitter Programming

1. Turn the ignition ON, OFF, ON, OFF, and leave ON.
2. Press and hold the Valet/Override switch for 5 seconds.
 - The siren will chirp once.
3. Press the Lock button on the transmitter.
 - The siren will chirp once.
4. Press the Lock button on the transmitter again.
 - The siren will chirp twice.
5. Repeat steps 3 and 4 for each additional transmitter.
6. Turn OFF the ignition when transmitter programming is complete.
 - The siren will chirp 3 times.

2.16 Transmitter Operation

BUTTON	DURATION	FUNCTION
Lock	Short	Arm
Unlock	Short	Disarm
Trunk	Long (3 Seconds)	Auxiliary 1 Output
Lock	Long (3 Seconds)	Panic
Lock then Lock	Short then Short	Remote Sensor Bypass

2.17 Status Indicator (LED) Functions

LED STATUS	FUNCTION
Off	System is disarmed in Active mode
Slow Flash	System is Armed
Rapid Flash	Passive arming indication and auto rearm
Rapid Flash (after disarm)	System was triggered
On Solid	Valet mode
On Solid (after arming)	On for 10 seconds, shock sensor trigger has not yet armed
On Solid (when disarmed and not in Valet mode)	Door or hood/trunk is open

2.18 Siren Chirp Status

CHIRPS	FUNCTION
1 Chirp	System Armed
2 Chirps	System Disarmed
3 Chirps	System Disarmed, but alarm was triggered while away.
4 Chirps	10 seconds after arming indicates defective sensor or trigger zone.
5 Rapid Chirps	Warn away triggered.
2 Chirps when the ignition is turned Off.	Door was open when the ignition was turned Off.

3. WARRANTY INFORMATION

This Ungo Security System is warranted against defects in material and workmanship. The main unit and remote controls are covered by this limited lifetime warranty. This Limited Lifetime Warranty applies to Ungo Security systems that have been installed by an authorized Ungo Security dealer. This warranty is to the Original Purchaser ("Owner") and to the original vehicle in which it was installed into. This warranty is not transferable to any subsequent owner(s) of the product(s).

Warranty Program:

Main Unit	Limited Lifetime
Remote Controls	Limited Lifetime
Siren	One year from date of purchase
Shock Sensor	One year from date of purchase
LED	One year from date of purchase
Valet/Override Button	One year from date of purchase

The *Warranty* does not cover batteries or products deemed damage through alterations or installation. It also does not cover products mishandled, misused, neglected, abused, water damaged, or with removed/altered serial numbers.

PROOF OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE OF THIS PRODUCT.

This warranty does not cover the costs incurred for removal or reinstallation of the main unit and/or any damage to the vehicle or the vehicle's electrical system.

The sole responsibility of Clarion Corporation under this Warranty shall be limited to the repair or replacement of the product, at the sole discretion of Clarion Corporation.

If it becomes necessary to send the product or any defective part to Clarion Corporation, the product must be shipped in its original carton or equivalent carton, fully insured, with shipping charges prepaid. Clarion Corporation will not assume any responsibility for any loss or damage incurred in shipping.

ALL IMPLIED WARRANTIES EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW SHALL HAVE NO GREATER DURATION THAN THE WARRANTY PERIOD SET FORTH ABOVE. UNDER NO CIRCUMSTANCES SHALL CLARION CORPORATION BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INABILITY TO USE OF THE PRODUCT. BECAUSE SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE THE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

Should you have any difficulties with the performance of this product during warranty, please call: 1-800-GO-CLARION or visit your local Ungo dealer. You may also contact the National Service Manager at the following address below for additional service help you may need.

Clarion Corporation of America
Attn: National Service Manager
661 W. Redondo Beach Blvd.
Gardena, Ca 90247

4. INSTALLATION INFORMATION

Date of Installation: _____

Installation Facility: _____

Facility Address: _____

Facility Phone Number: _____

Location of Valet/Override: _____



Clarion Corporation of America

661 W. Redondo Beach Blvd.

Gardena, CA 90247

www.clarion.com